

CEGEP PREREQUISITES

For fall 2013

(Revised Sept. 2013)

High School Graduation Requirements:

- ❖ **A minimum of 54 sec IV + V credits**
- ❖ **including @ Sec IV:**
 - at least 4 credits in mathematics (Cultural, Technical or Scientific)
 - at least 4 credits in History and Citizenship (in English or French)
 - at least 4 credits in Science
 - at least 2 credits Arts Education (Fine Arts, Music, Drama or Dance)
- ❖ **And including at least 20 @ sec V including:**
 - 6 credits in English (Mother Tongue)
 - at least 4 credits of French (French Second Language)
 - at least 2 credits in Ethics & Religious Culture **or** Physical Education

Key to MELS course codes:

[schools may use local codes for these]

“Cultural” math	=	563-404 & 563-504 [2 courses of 100 hours each year]
“Technical” math	=	564-406 & 564-506 [2 courses of 150 hours each year]
“Scientific” math	=	565-406 & 565-506 [2 courses of 150 hours each year]
“General” science	=	555-404 [not by itself a pre-req for chemistry or physics]
“Applied” science	=	557-406 [not by itself a pre-req for chemistry or physics]
“Environmental” science	=	“General” + 558-404 <u>or</u> “Applied” + 558-

Passing these subjects in HIGH SCHOOL	Makes you eligible ¹ for one of these (usually 2 year) PRE-UNIVERSITY PROGRAMS² :	Which can lead to UNIVERSITY studies in:
<p>Basic HS Grad requirements [see cover page] with</p> <p>Sec IV Cultural math</p> <p>&</p> <p>any Sec IV Science</p> <p>[sec V CST math recommended to apply to Social Sciences]³</p>	<ul style="list-style-type: none"> ❖ Creative Arts, Literature & Languages (CALL) <ul style="list-style-type: none"> ➤ <u>Centennial</u>: general overall Creative Arts program ➤ <u>M⁴ profiles</u>: CAL & Languages; CALL and Music ➤ <u>JA profiles</u>: Media Arts; Languages; Arts & Culture ; Theatre Workshop ➤ <u>D profiles</u>: Cinema, Video & Communications; Languages; Visual Arts; Arts & Culture; Literature; Interactive Media Arts [new] ➤ <u>V profiles</u>: Modern Languages; Communications (Art, Media & Theatre); Modern Languages & Music [double DEC] ➤ <u>C @ StL profiles</u>: Digital Imaging/Studio Arts; Film/Video/Communication ; Photo, Design ➤ <u>GG</u>: <i>Arts et Lettres / Cinema et Communication</i> ❖ JA & D: Fine Arts⁺⁵ ❖ V & M: Music(+) ❖ @ All: Social Sciences General Profile or : <ul style="list-style-type: none"> ➤ <u>M profiles</u>: Environmental Studies; International Studies; Law, Society & Justice; Psychology ➤ <u>JA profiles</u>: Psychology ➤ <u>V profiles</u>: Child Studies; International Studies; Law & Society; Psychology; Sports & Leisure; Social Science & Music Double DEC ➤ <u>D profiles</u>: Child Studies; Environmental Studies; Law, Society & Justice; North-South Studies; Psychology; Travel & Tourism ➤ <u>C @ StL profiles</u>: Criminology, Education, Psychology, World Studies ➤ <u>GG profiles</u>: <i>en francais pour etudiants anglophone</i> ❖ @ All: Honors Social Science (85% min) ❖ @ All: Liberal Arts (80%+ average + letter of intent & interview) ❖ V: Prerequisites & Passages Profiles transition semester[s] see p 4 ❖ JAC: Pathways to Police Tech (strong academic standing + probationary drivers license) 	<p>Anthropology ; Art History; Canadian Studies; Cinema; Communication Studies; Digital Image/Sound*; Education; The Fine Arts; Geography; Graphic Design; History; Interior Design; Journalism; Law; Leisure Studies; Literature; Languages; Political Studies; Philosophy; Psychology (BA); Physical Education; Radio; Religious Studies; Social Work; Studio Art; Television; Theatre; Translation</p>
<p>Sec V Technical or Scientific math</p> <p>&</p> <p>any Sec IV Science</p>	<ul style="list-style-type: none"> ❖ <i>Every program above plus:</i> ❖ D: Liberal Arts with math [i. e. Calculus 1 & 2 and linear algebra] ❖ JA: Social Sciences with math [“ “ “”] ❖ Social Science Commerce : International Business (D & V); Entrepreneurship (V) [new] ❖ @ All: Social Sciences - Commerce ❖ GG: Sciences humaine - Profil administration ❖ D : Explorations Science <i>transition program</i> see p4 	<p>Actuarial Science; Business Administration; Commerce; Computer Science (Information Systems Option); Management; Mathematics</p>
<p>Sec IV & V Technical or Scientific math</p> <p>&</p> <p>Environmental Science & Physics</p>	<ul style="list-style-type: none"> ❖ <i>Every program above plus:</i> ❖ C, D,V,M: Health Sciences/ First Choice Science ❖ C, V: IB Health Sciences & IB Pure & Applied Sciences ❖ C, D,V,M: Pure & Applied Sciences/ First Choice Science ❖ C, V: Computer Science & Mathematics ❖ JA: Sciences; Arts & Sciences integrated DEC ❖ D: Environmental Science 	<p>Agriculture; Architecture; Audiology; Biology; Chemistry; Computer Engineering; Dentistry; Dietetics & Nutrition; Earth Science; Engineering; Exercise</p>

¹ Eligibility of course is FIRST determined by your **marks**. Your “overall average” is calculated with your final secondary IV marks and your secondary V summary marks from your **term 1 report card**. Your ‘overall average’ is the way the CEGEP judges you as a candidate.

² These programs are designed only to get you into university where you will learn marketable job skills. They are not designed to get you onto the job market directly. SO PLAN AHEAD!

³ Having a good mark in sec V CST math too makes you a stronger candidate.

⁴ **C** = Centennial College; **C @ SL** = Champlain @ St. Lambert, **D** = Dawson, **EM** = Edouard-Montpetit (French CEGEP with one English program), **GG** = Gerald Godin (our closest French CEGEP which gives support to Anglophone students), **JA** = John Abbott, **LS** = LaSalle, **M** = Marianopolis, **V** = Vanier, **O’S** = O’Sullivan

⁵ (+) indicates other requirements to be considered a good candidate for the program. Check pamphlets and websites for specifics.

Passing these subjects in HIGH SCHOOL	Makes you eligible ¹ for one of these (usually 2 year) PRE-UNIVERSITY PROGRAMS² :	Which can lead to UNIVERSITY studies in:
& Chemistry with at least over 70% in each	<ul style="list-style-type: none"> ❖ D: Developmental Science <i>transition program</i> see p4 ❖ @ All: Science Plus/Honours (with over 80%) ❖ M: Arts & Sciences (2 year with fine arts & languages options) ❖ Double DEC programs (3yr) : Science & Music (V); Science & Commerce (V); Science & Social Science (JAC) 	Science; Food Science; Forestry; Geology; Mathematics; Medicine; Nursing; Occupational Therapy; Optometry; Pharmacy; Physics; Physiotherapy; Psychology (BSc); Speech Therapy; Veterinary Med

PASSING THESE IN HIGH SCHOOL....	Makes you eligible for these (3 year) TECHNICAL PROGRAMS⁶ :
<p>Basic HS Grad requirements [see cover page]</p> <p>Including</p> <p>Sec IV Cultural math or higher & any Sec IV Science</p>	<p>BUSINESS TECHNOLOGIES: Information & Library Technologies (JA); Publication Design & Hypermedia Technology (JA); Office Systems Technology: Micropublishing & Hypermedia (V); Business & Management (Marketing) (D&V) (math 504 is strongly recommended); Office Systems Technology (D & V); Paralegal Technology (O'Sullivan); Tourism management (C @ SL); Business & Entrepreneurship (Centennial)</p> <p>FINE ARTS TECHNOLOGIES: Professional Theatre (Acting Option) (JA,D) (audition +)⁷; Professional Theatre (Technical & Design Option) (interview) (JA); Publication Design and Hypermedia Technology (JA); Illustration & Design (D) (+ portfolio); Interior Design (D) (+ portfolio & letter); Professional Photography (D) (+portfolio); Graphic Design (+ portfolio) (D); 3D Animation & Computer Generated Imagery (+ portfolio, letter & entrance drawing test) (D); Professional Music & Song Techniques (+) (V) ; Fashion Design (LaSalle); Video Game Design (LaS); 2d/3d Imagery (LaS/Interdec)</p> <p>HEALTH TECHNOLOGIES: Pre-Hospital Emergency Care (Paramedics) (driver's license + pre-application fitness test) (JA) ; Medical Records Technology (O'S); Farm Management Technology (McGill)</p> <p>COMMUNITY SERVICE TECHNOLOGIES: Social Service (D) (+interview);Community Recreation Leadership Training (+ interview) (D); Early Childhood Education (V) (+letter of intent & interview);Youth & Adult Correctional Intervention (JA) Police Technology (driver's license +) (JA); Techniques de securite incendie (@ Montmorency en francais) requires DEP first ; Special Care Counselling (V) (letter & interview)</p>
<p>Sec IV Technical Or Scientific math & any Sec IV Science</p>	<p>Every program above plus:</p> <p>BUSINESS TECHNOLOGIES: Accounting & Management Tech (D & V); Business Management & International Trade (O'S); Advertising Management (C @ SL); Sports Marketing & Management (C @ SL); Business Administration (JAC); Tourism Techniques (LaS – V CST can be enough); Hotel Management (LaS); Food Services Management (LaS) [plus a DVS in Professional Cooking]</p> <p>APPLIED SCIENCE TECHNOLOGIES: Electronics Engineering Technology (D)</p>
<p>Sec IV Technical or Scientific math & Sec IV Environmental Science⁸</p>	<p>Every program above plus:</p> <p>APPLIED SCIENCE TECHNOLOGIES: Building Systems Eng Tech (V) ; Industrial Electronics (V) ; Architectural Technology (+) (V) (CST math can be enough); Computerized Systems Technology (V)</p> <p>HEALTH SCIENCE TECHNOLOGIES: Radiological Technology; Diagnostic Imaging (+interview) (D)</p>
<p>Sec V Technical or Scientific math</p>	<p>Most programs above plus:</p> <p>APPLIED SCIENCE TECHNOLOGIES: Electronics Technology (Telecommunications & Computer) (Heritage); Computer Science Technology (D & V & JA)</p>

⁶ All of these programs leave the door open for further studies at the university level. If that's your long-term plan, it's imperative that you see an Academic Advisor at CEGEP to ensure that you include courses during CEGEP that are specific pre-requisites for your target university program.

⁷ (+) indicates other requirements to be considered a good candidate for the program. For example, you may be required to present an artistic portfolio, to do an audition, take medical or psychological tests or interviews.

PASSING THESE IN HIGH SCHOOL....	Makes you eligible for these (3 year) TECHNICAL PROGRAMS :
& any Sec IV Science	FINE ARTS TECHNOLOGIES: Industrial Design (D) BUSINESS TECHNOLOGIES: Accounting & Management Technology (V); Business Management (Marketing) (V) [sec IV Tech or Sc math may be enough if your overall averages are high]
Sec V Scientific math & Sec IV Environmental Science	Every program above plus: APPLIED SCIENCE TECHNOLOGIES: Civil Engineering Tech. (D); Industrial Design (D); Engineering Technologies: Photonics profile or Energy Management profile(JA) HEALTH SCIENCE TECHNOLOGIES: Radiological Technology: Radiation Oncology (+ interview) (D)
Sec V Scientific math & Sec V Physics	Every program above plus: APPLIED SCIENCE TECHNOLOGIES: Aircraft Maintenance Technology (in English at College Edouard-Monpetit); Mechanical Engineering Technology (D) (math 406 is enough) HEALTH SCIENCE TECHNOLOGIES: Physical Rehabilitation (D)
Sec V Scientific math & Sec V Chemistry	Most programs above plus: HEALTH SCIENCE TECHNOLOGIES: Nursing (D,V, JA) (+ letter & interview) [math 406 can be enough for strong candidates] ; Dental Hygiene (JA); Laboratory Technology – Analytical Chemistry (D) ; Biomedical Laboratory Technology (D); Environmental Wildlife Management (V) ; Respiratory Technology (D); Respiratory & Anaesthesia Technology (V) [math 406 can be enough]; Animal Health Technology (V) [math 406 & Science 408 can be enough]
Sec V Scientific math & Sec V Chemistry & Physics	Every program above plus: APPLIED SCIENCE TECHNOLOGIES: Chemical Engineering Technology (D)

What if I'm missing pre-requisites?

- ❖ **Between sec IV & V:** the LBPSB Summer School offers a MATH 'bridge' course between Cultural > Technical math sec IV. There is also a bridge course between Applied or General Science and Environmental Sciences. Check with your Guidance Counsellor when summer school details arrive in May.
 - Passing either bridge course would give you those credits and marks on your MELS transcript, and the CEGEPs would see those when you apply.
 - However, it does **not** guarantee placement in sec V Scientific math nor in chemistry &/or physics. Those are school-based decisions.
- ❖ **After HS graduation:** LBPSB Adult Education @ CARTIER & PACC offer any courses needed on an individual course basis, including a list of summer courses for HS grads only. Call [C] 514-694-8500 or [P] 514-363-6213 for schedules and to register.
- ❖ **At CEGEP:** Most CEGEPs offer summer classes **and half or full year "transition" programs** to make up missing pre-requisites:
 - **SOME** of these programs admit with only sec IV cultural math: check the pre-reqs of your target program.
 - **ALL** of these programs include some English, French, Humanities and Phys Ed courses, which will be credited to your 'target' program when you start it.

TRANSITIONS PROGRAMS:

CHAMPLAIN @ St. Lambert EXPLORATIONS DAWSON EXPLORATIONS SCIENCE VANIER PREREQUISITES	If you have generally high marks and you want to get into Sciences or science-related Technologies but have never taken sec V advanced math, physics or chemistry , This one or two semester program includes 'bridging' [HS > CEGEP] math and science courses. Having passed sec IV Environmental Science is recommended but not necessary (@ D & C) but IS necessary at Vanier These programs are not for students who have taken and failed advanced math or sciences in sec V. ⁹
DAWSON	If you have graduated with a strong overall average and have taken sec V advanced math & chemistry & physics but didn't get over 75% in one of those 3, apply directly to this program.

⁹ In those cases, please see an academic advisor @ CEGEP, as you may have to take them at Adult Academic Education [Cartier or PACC] before being admitted.

DEVELOPMENTAL SCIENCE	This one or two semester program includes remedial chemistry &/or physics &/or math plus general education subjects If your term 2 marks go up, fax your improved report > Admissions at the CEGEP.
JOHN ABBOTT PATHWAYS TO SCIENCE	This one or two semester program is designed to allow students to take sec V math & science courses they've never tried, with a Learning Techniques course and general education courses. They may stay in this Pathways for a second semester or apply to Science when they are ready. PLEASE NOTE: This is not designed for students who have taken a math 506, physics and chemistry courses and earned less than 70% or failed one or more.
JOHN ABBOTT PATHWAYS TO A CAREER PROGRAM	If you have graduated with marks <75% OR are missing pre-requisites for a 3-year Technology program. This one or two semester program is for students who want to apply to a Technology program. It is also perfect for students who do not yet know which program they want to study, as it gives a "sample" of classes from different programs, and a Career Explorations course. PLEASE NOTE: This is not a way into Police Tech.
JOHN ABBOTT PATHWAYS TO SOCIAL SCIENCES Or to CALL	If you have graduated with marks <70% and want to get into Social Sciences OR Creative Arts Languages & Literature (CALL) This one-semester program is for students who want to prepare for the two year Social Science program. They will also get help developing effective study habits and a Career Explorations course, within a reduced course load.
VANIER EXPLORATIONS "Passages"	If you have graduated with overall marks <70% and don't know what you want to study @ CEGEP. While looking at your CEGEP program options, you will also get help to improve your study skills. Application requires a letter of intent.
CENTENNIAL College	If you have a low overall average or aren't even sure you can succeed at CEGEP, consider this private CEGEP. Centennial is a private college in NDG that specializes in helping students achieve the best CEGEP results they can, through extra support and sometimes over 2 ½ years [5 semesters]. Contact www.centennial.qc.ca or call 514-486-5533

CEGEP APPLICATION PROCEDURES

All CEGEP applications are completed online.

- **SRAM:** For John Abbott [www.johnabbott.qc.ca], Vanier [www.vaniercollege.qc.ca], **Champlain at Lennoxville** [champlaincollege.qc.ca/Lennoxville], and for **Gerald Godin** [www.cgodin.qc.ca] and all other **French CEGEPs** in the Montreal area, use the **SRAM online application at <http://sram.omnivox.ca>**.
 - That site will open for applications by mid January.
 - You can apply to **ONE CEGEP program** on your first round application (before March 1st). **> That means you have to decide between JAC & Vanier before you sit down to apply!**
 - If you are refused, choose a second program at the same CEGEP for Round 2 (mid-April). Your term 2 marks will be seen by the CEGEPs for Round 2.
- **COMMON** application system: for **Dawson** [www.dawsoncollege.qc.ca] and **& Champlain at St-Lambert** [www.champlaincollege.qc.ca/StLambert]. Access it through their websites.
 - You make **first and second choices** on the COMMON system when you complete your application before March 1st.
 - If you are not accepted into your first choice of CEGEP program, they will transfer your file to your second choice program. **SO** it's a good idea to make your second choice a program at the same CEGEP that has either more space or fewer specific pre-requisites. See your Guidance Counsellor.
- **Marianopolis** [www.marianopolis.edu] has its own individual application procedure. You can apply online by mid-January, making 1st & 2nd program choices at that time. Remember, Marianopolis is a 'private' College – meaning you have to pay tuition as well as for books.¹⁰

¹⁰ Do you need \$ to pay for your studies? Try:

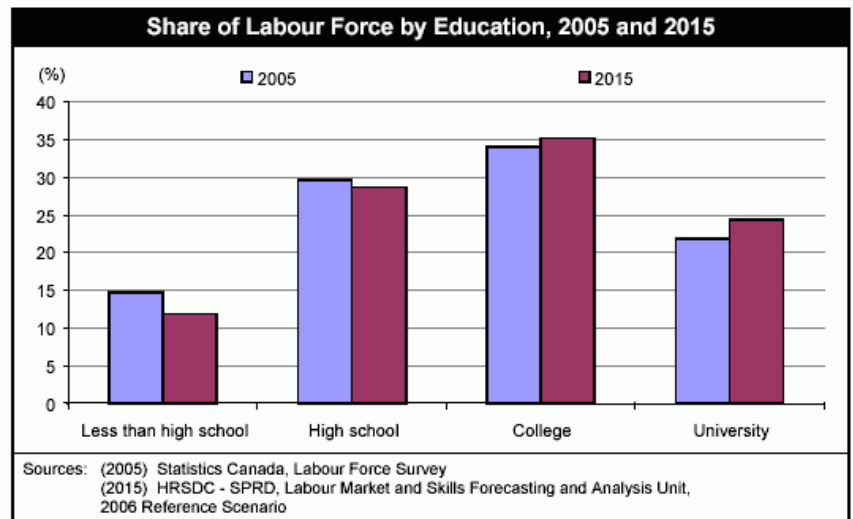
- www.youcango.ca or www.studentsawards.com for scholarship & bursary guidelines/ links

- **Other Private Colleges** (ex. **LaSalle & O’Sullivan & Centennial**) also have their own applications, so you can apply to them also separately. See their websites for details: www.clasalle.com, www.osullivan.edu & <http://college.centennial.qc.ca>. Since they also charge tuition, see footnote 10.
- **IMPORTANT:** Your application will not be complete without the following **documents**. Failure to provide all required documents **BEFORE MARCH 1st** could result in losing a place in your program:
 - SRAM (for JAC & Vanier); and Dawson, Champlain @ St. Lambert and Marianopolis can all access [sec IV & V marks](#) online. For **other colleges**, you may have to photocopy your final sec IV transcript and most recent sec V report card and mail them to ARRIVE BY March 1st;
 - **SRAM (for JAC & Vanier)**, can access your **birth/ citizenship records online**, if you were born in Quebec.
 - For **all other CEGEPs**, you will have to make photocopies of the long form of your **birth certificate** [if born in Quebec].
 - **If you were born outside Quebec**, you must provide a copy of your **Canadian Citizenship documents** and mail those to every CEGEP concerned;
 - For most the **application fee [\$35]** is payable by credit card when you register online. If you choose not to pay online, you must mail to them a certified cheque or money order to be **received** by the **CEGEP** or **SRAM** by **March 1st**.
- **Very Important:** Quote your **student file number** (from your online “application receipt”) on anything you mail or fax!

*Labor Market Information

When thinking about your education, it’s important to think about the current and future needs of the labor market. **When you’re finished your training, will you find a job?**

In this chart, College refers to our 3 year Technical CEGEP programs



Know Yourself / Know Your Options **What’s the best “FIT” for YOU?**

Luckily, there are some reliable online versions of **Interest** [what you like to do], **Aptitudes** [what you’re good at] and even **Personality** tests which score themselves, and tell you what ‘fits’ you. Once you’ve done a few of these, take the results to your Guidance Counsellor to strategize how to get there!

- **www.careercruising.com** [username & password available at your Guidance Office]
 - Explore Assessments (with 3 sets of Qs to do)
 - Create your own portfolio and **build your resume [CV]** online.
- **<http://www.headingforsuccess.com>** (**Trades or Technical CEGEP Programs > Careers**)
 - Personality/ Aptitude Test [takes a while to do but it is reliable info about you!]
 - Use this also to check job prospects by region in Quebec

- **<http://www.jobsetc.gc.ca>** Use Career Navigator and Blueprint for Life/Work
- www.afe.gouv.qc.ca to apply [with your parents] for student loans (which MIGHT be supplemented with bursaries which is \$ you don’t have to pay back)